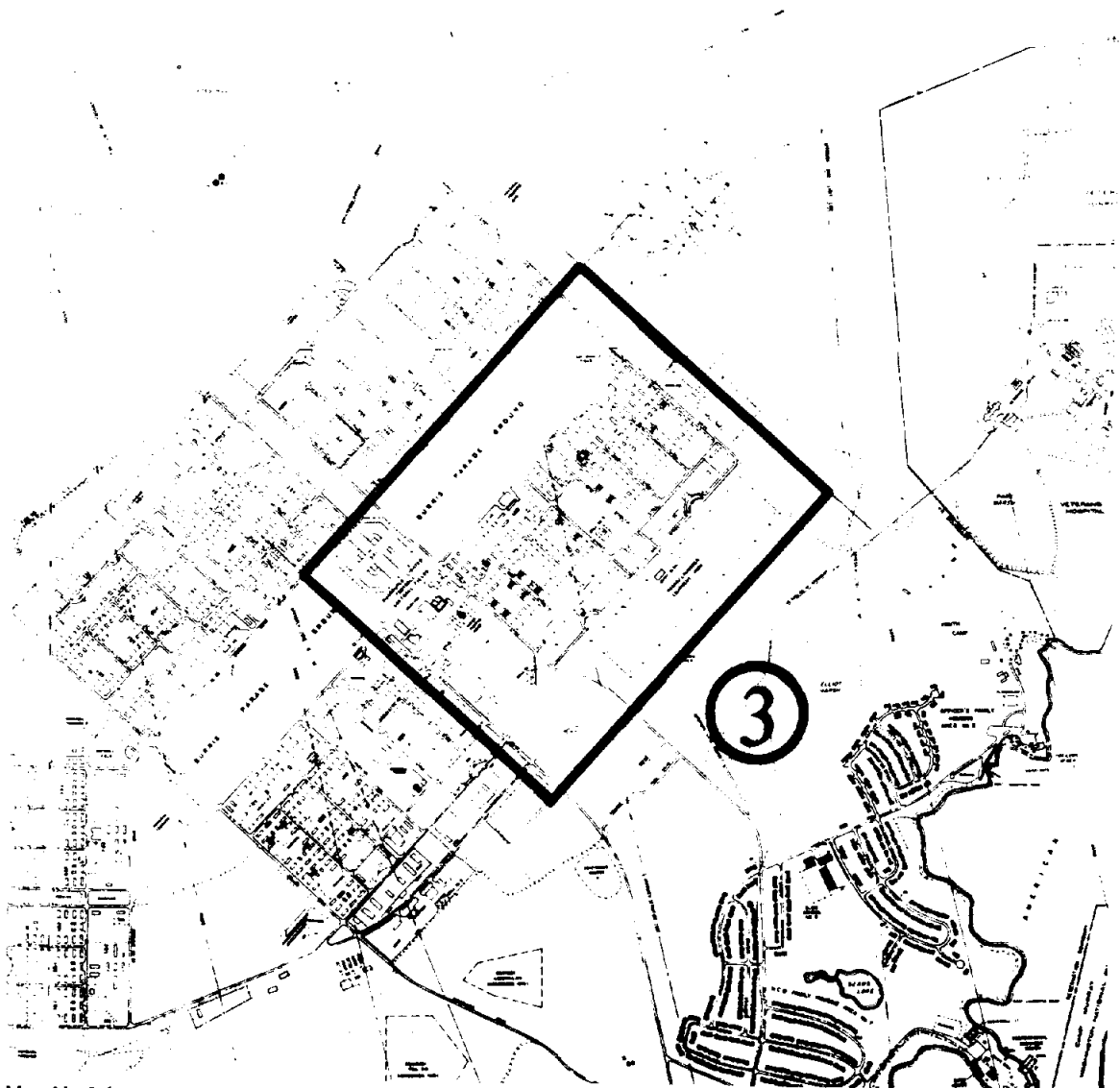


FORT LEWIS
INSTALLATION DESIGN GUIDE



Map M-12-A

SECTION C

ANALYSIS

General

The North Fort Troop Complex - Prototype III - problems listed below have been analyzed in accordance with Part Three - Specific Design Criteria. Following the format of the IDG they were then divided into the following three main types:

- Master Planning Problems
- Site Design Problems
- Building Design Problems

Consideration was given to the feasibility of each recommended solution in determining the priorities. Landscaping solutions have been emphasized.

Fort Lewis DEH has provided their main focus of problem identification; their input has been included in the following manner:

- D = Design
- P = Planning
- P & D = Planning & Design

North Fort Problems

Master Planning

A. Lack of road hierarchy leads to confusion. (High Priority) P & D

B. Proposed sites for the brigade headquarters, battalion headquarters and company support and administration buildings have little functional and no aesthetic relationship with each other and will not lead to a complex which fulfills the directives of the approved Military Park Theme. (High Priority) P

C. Major ceremonial open space is so large that it can not function properly and has no sense of "place." (Medium Priority) P

D. Proposed sites for various Community Center and other troop and family support activities are not related to one another and will not provide a cohesive, easily used support area. (Medium Priority) P

E. Overhead utilities look cluttered and unkempt. (Medium Priority) D

F. Lack of any pedestrian or bicycle circulation system and related amenities. (Medium Priority) P & D

Site Design

G. Parking areas in general are poorly defined and laid out, devoid of plantings and present a poor visual image. (High Priority - Landscaping Solution) P & D

H. Scale of overall complex is overwhelming with little definition of different unit areas, etc. (High Priority - Landscaping Solution) P & D

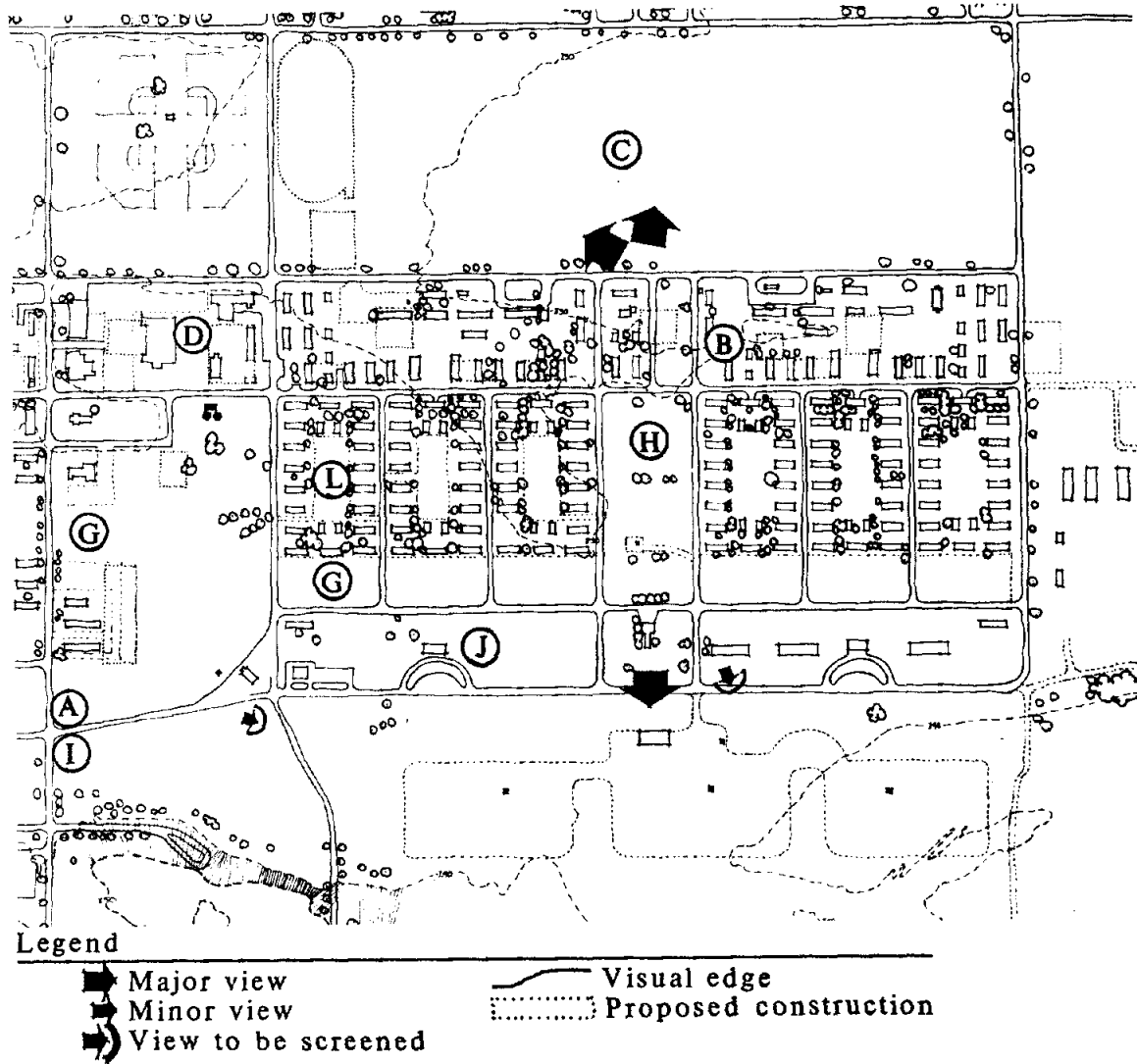
I. Major entry to North Fort area has no sense of "arrival" and presents a large area of parked cars and gravel lots. (High Priority - Landscaping Solution) P & D

J. Vehicle maintenance areas are not screened from adjacent roads and activities. (High Priority) D

K. Signage is not consistent or clear. (Medium Priority) D

Building Design

L. Poor maintenance of many temporary buildings presents a poor image of military life. (Medium Priority) P



Site Analysis

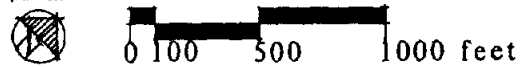


Fig F-12-A
Higginbotham & Assoc
April 1987

PART FOUR - PROTOTYPE AREAS
CHAPTER 12 - NORTH FORT TROOP COMPLEX

SECTION D

PROGRAMMING INFORMATION

General Administration

Brigade Headquarters

Troop Housing, Administration and Maintenance Area

Chaparral Battalion
Patriot Battalion
Hawk Battalion

Community Center Facilities

Chapel Center
Fire Station
Branch Library
Red Cross Office
Branch PX
Class VI Store
Service Station
Fast Food Outlet
Recreation Center
Physical Fitness Center
Softball Fields
Track
Soccer Field
Tennis Courts
NCO Club

These facility names along with the corresponding new and existing building and parking areas will be shown on the Programming Information Sheets (see Appendix C).

SECTION E

PROPOSED DESIGN

General

The North Fort Troop Complex - Prototype III - solutions listed below have been analyzed in accordance with Part Three - Specific Design Criteria. Following the format of the IDG they were then divided into the following three main types:

- Master Planning Solutions
- Site Design Solutions
- Building Design Solutions

Consideration was given to the feasibility of each recommended solution in determining the priorities. Landscaping solutions have been emphasized.

Fort Lewis DEH has provided their main focus of problem identification; their input has been included in the following manner:

- D = Design
- P = Planning
- P & D = Planning & Design

North Fort Solutions

Master Planning

A. Institution of road hierarchy provides efficient, safe and straightforward circulation. (High Priority) P & D

B. Siting of brigade and battalion headquarters and company service and administration buildings according to the principles of the Military Park Theme provides a formal, disciplined setting which reinforces their mission. (High Priority) P

C. New facilities sited in part of existing parade ground provide room for more appropriately-sized open space between barracks

and administrative structures (1900 FT max). (Medium Priority) P

D. Consolidation of Community Center and related facilities encourages multiple usage and shared parking. (Medium Priority) P

E. Overhead utilities relocated underground in conjunction with new construction. (Medium Priority) D

F. Provision of convenient pedestrian and bicycle circulation and related amenities encourages safe and pleasant non-vehicular circulation. (Medium Priority) P & D

Site Design

G. Parking has been consolidated and provided with planted islands and berm screening. (High Priority - Landscaping Solution) P & D

H. Improvements to landscaping and road hierarchy and construction of new buildings helps separate different units and functions and to bring scale down to an appropriate level. (High Priority - Landscaping Solution) P & D

I. Landscaping and upgraded or relocated parking lots give positive first impression. (High Priority - Landscaping Solution) P & D

J. Screening provided for vehicle maintenance areas conveniently sited near troop housing. (High Priority) D

K. Consistent, well designed signage provided throughout. (Medium Priority) D

Building Design

L. Removal of unneeded buildings and upgrading of remaining barracks improves visual image. (Medium Priority) P

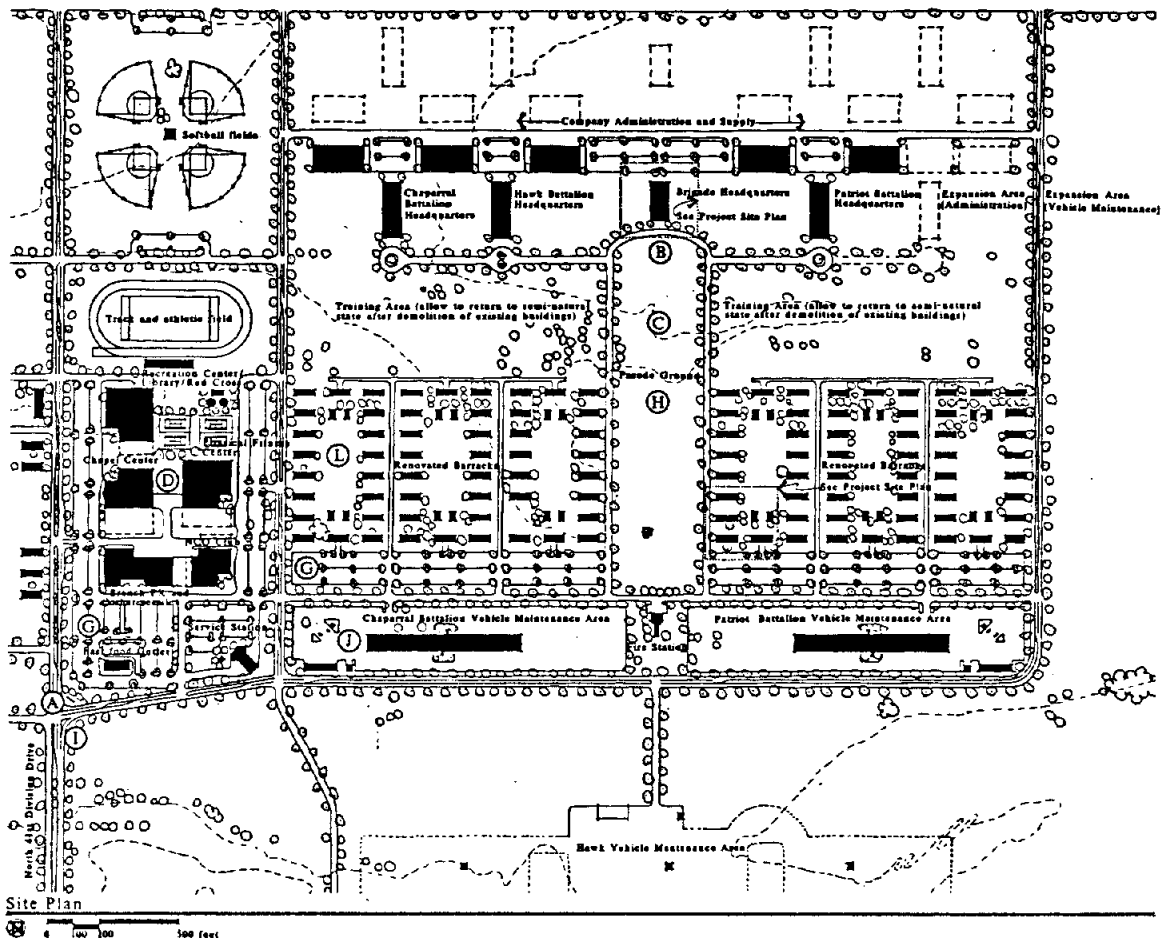


Fig F-12-B

Higginbotham & Assoc
April 1987

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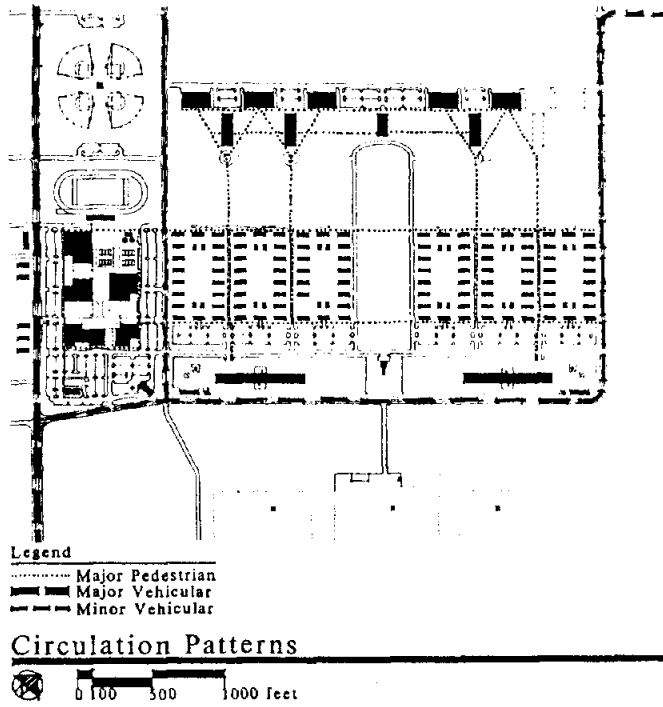


Fig F-12-C

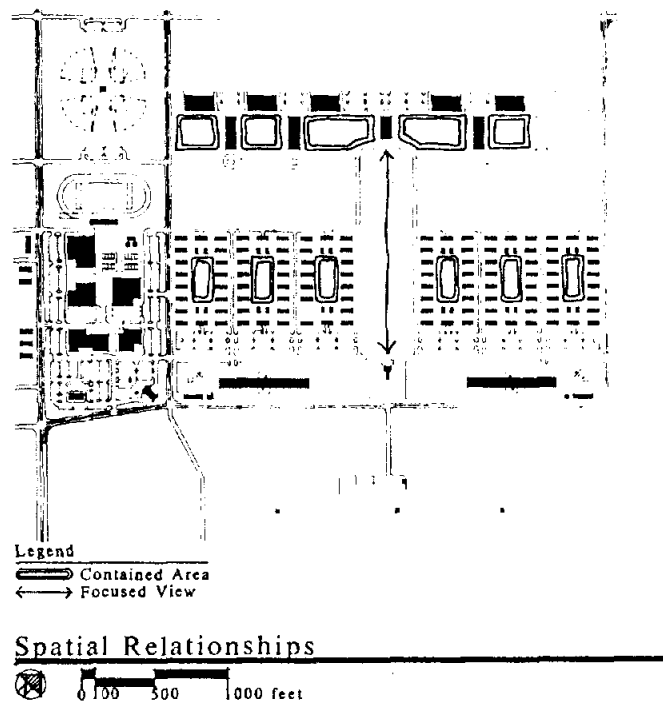


Fig F-12-D

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CHAPTER 12 - NORTH FORT TROOP COMPLEX

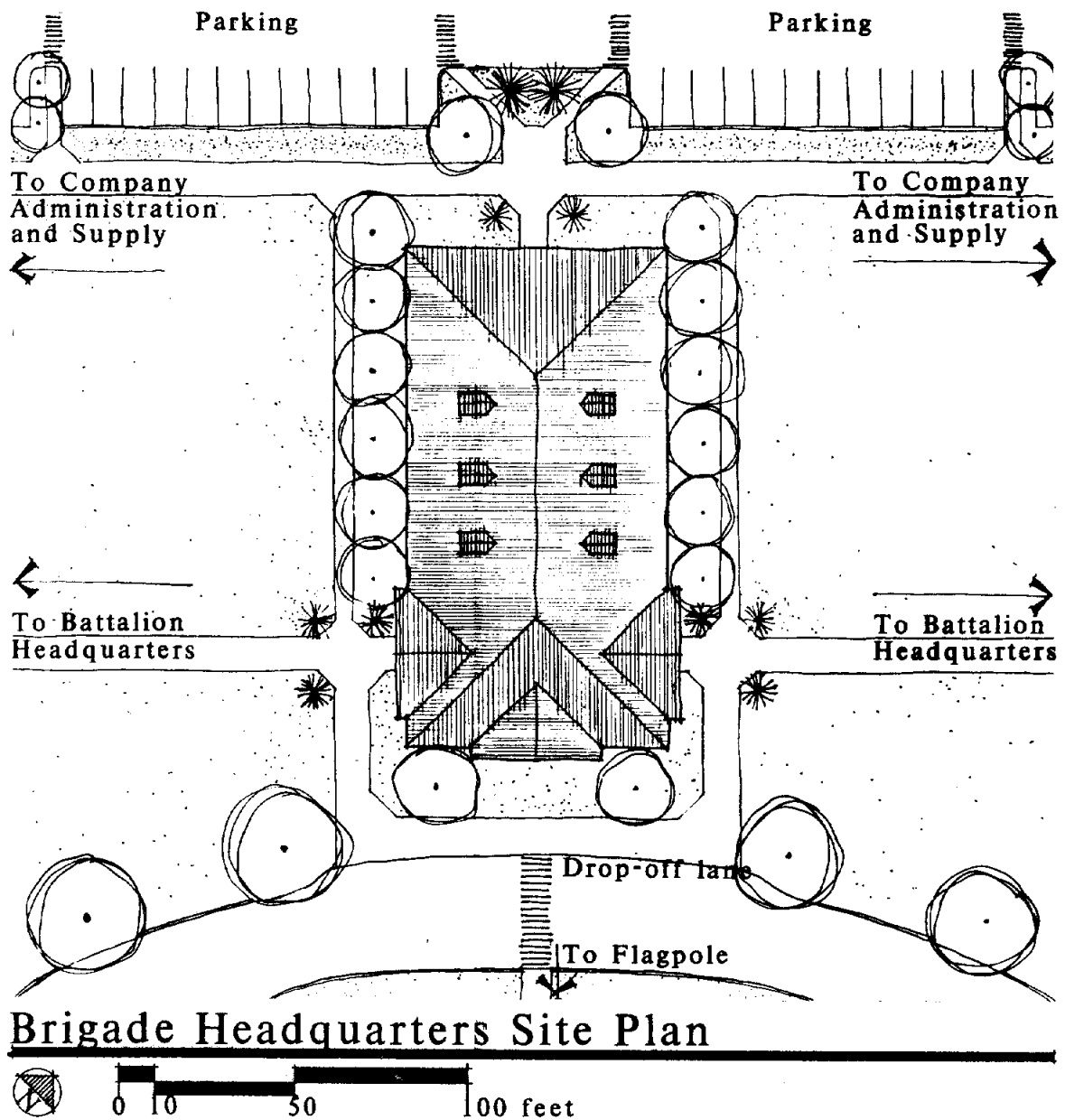
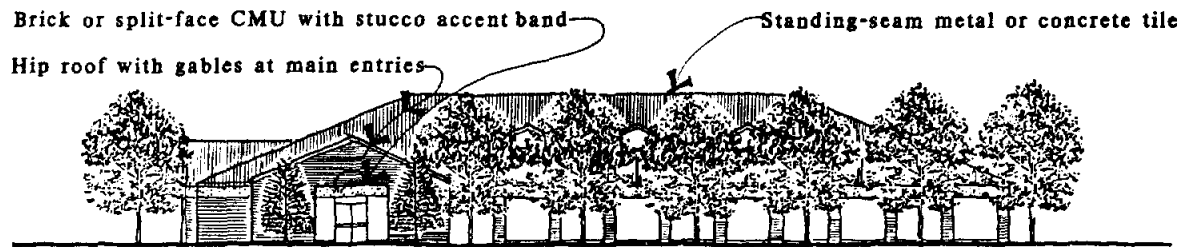


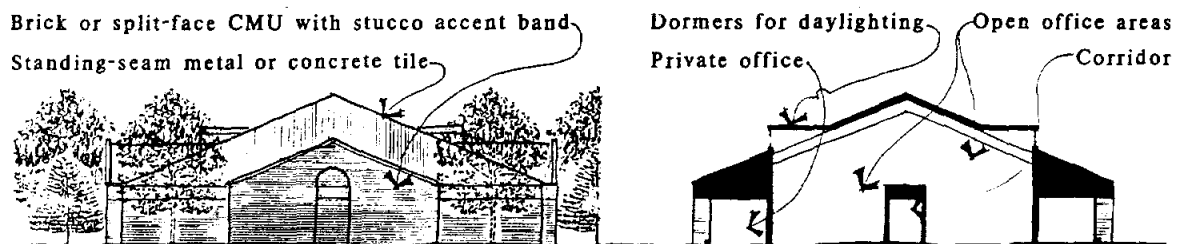
Fig F-12-E
12-12



Brigade Headquarters Side Elevation

0 10 20 50 feet

Fig F-12-F



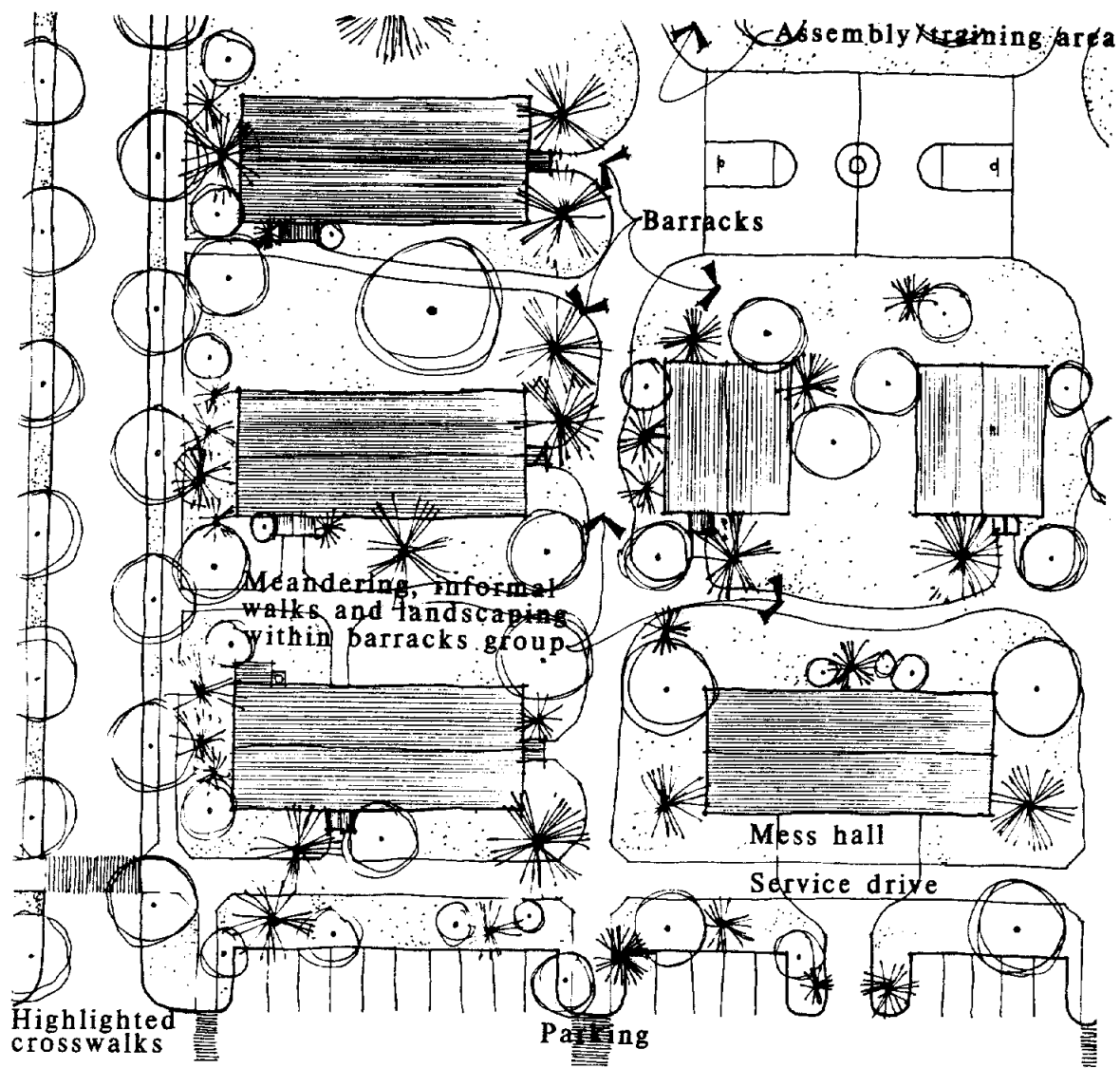
Bde HQ Front Elevation

Section

0 10 20 50 feet

Fig F-12-G

(Note: proposed Brigade Headquarters
based on DA Definitive Design)



Barracks Renovation Site Plan

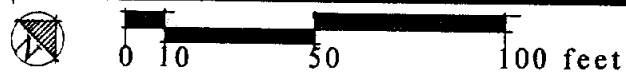
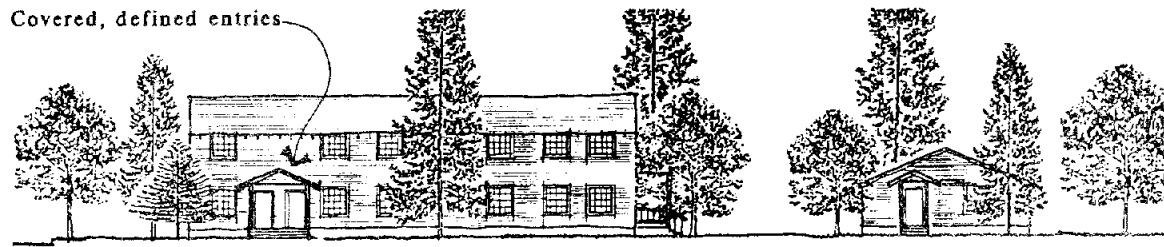


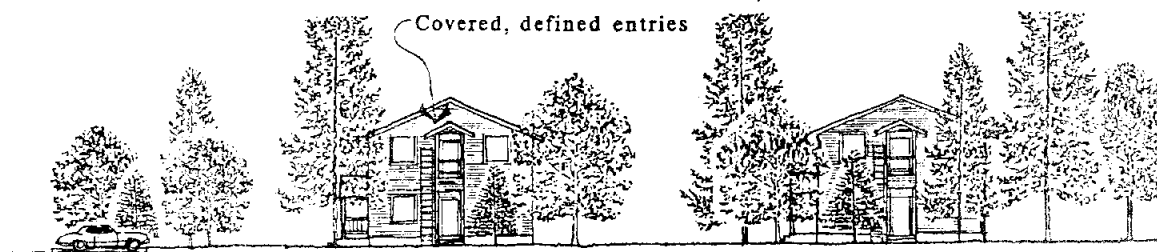
Fig F-12-H



Barracks Renovation Side Elevation

0 10 20 50 feet

Fig F-12-I



Barracks Renovation End Elevation

0 10 20 50 feet

Fig F-12-J

PART FOUR - PROTOTYPE AREAS
CHAPTER 12 - NORTH FORT TROOP COMPLEX